

SOFTWARE CHANGES INVERSA

Version 2.05 - 1.24 - 2.20 MRN-147-EN



Master Registration Number: MRN-147-EN



RR Mechatronics

Masters of Measurement

This manual is written and composed with the available knowledge at moment of issue. Additions and changes, due to new insights, will be included in a new revision of this manual.

Manufacturer:	RR Mechatronics Manufacturing B.V.
Phone:	+31 229 291 129
Fax:	+31 229 241 534
E-mail:	support@rrmechatronics.com
Internet:	http://www.rrmechatronics.com
Postal address:	P.O. Box 225 1620 AE Hoorn The Netherlands
Office address:	De Corantijn 13 1689 AN Zwaag The Netherlands

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Issued by the Support Department of Mechatronics

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1. SOFTWARE RELEASE DATES

Software version			Release date
Main	Slave	Display	
2.05	1.23	2.19	25 june 2015
2.04	1.23	2.19	9 march 2015
2.03	1.22	2.18	not released
2.02	1.22	2.18	internal release
2.01	1.22	2.18	not released
2.00	1.22	2.18	08 April 2013
1.35	1.20	2.17	14 September 2012
1.34	1.19	2.17	18 July 2012
1.33	1.18	2.16	31 May 2012

2. IMPROVEMENTS AND CHANGES

2.1. Version 2.01 and up

Version 2.05 - 1.24 - 2.20

1.24 - 2.20 Update to Starrsed ST

Version 2.05 - 1.23 - 2.19

2.05 Internal waste handling

Version 2.04 - 1.23 - 2.19:

2.04 QC Procedure incorporated (Starrsed Control)

Version 2.0X - 1.22 - 2.18:

2.03 Improved meniscus detection.

2.02 Starrsed Control prototype version. Not released!

2.01 not released

2.2. Version 2.00 - 1.22 - 2.18

Main	Slave	Display
2.00	1.22	2.18

NOTE: Version 2.00 (main) will only work with an inverted diluter valve! See also SB 2013007

Dilution error detection

- Minor improvements have been made to get a better detection of dilution errors.

Miscellaneous

- “End of day wash” ends with a full prime of diluent.
- Minor improvements have been made to the printout.
- A filling error will be reported together with the patient result (printout only).

2.3. Version 1.35 - 1.20 - 2.17

Main	Slave	Display
1.35	1.20	2.17

LIMS communication

- R-3500 Protocol has been added.

2.4. Version 1.34 - 1.19 - 2.17 (Beta version)

Main	Slave	Display
1.34	1.19	2.17

Menu changes

- “SET WASTE SENSOR” moved to user level.

New menu option

- Menu option “BOTTLE ALARM OFF” has been added. Use this function to temporarily turn off the buzzer during a bottle alarm (e.g. diluent bottle empty or waste bottle full).

2.5. Version 1.33 - 1.18 - 2.16

Main	Slave	Display
1.33	1.18	2.16

MECHATRONICS_xx protocol

- The calculation of the CS byte was incorrect. If the calculated CS value was 03h, the transmitted CS byte was not set to the substitute value 83h in order to avoid erroneous action by the receiving device.

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